# Christopher Dockendorff

List of Publications by Year
in descending order



| 50 | 1,558 | 471509 17 | 315739 38 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 79 | 79 | 79 | 1750 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A thrombin-PAR1/2 feedback loop amplifies thromboinflammatory endothelial responses to the viral RNA analogue poly(I:C). Blood Advances, 2021, 5, 2760-2774. | 5.2 | 15 |
| 2 | The Evolving Concept of Neuro-Thromboinflammation for Neurodegenerative Disorders and Neurotrauma: A Rationale for PAR1-Targeting Therapies. Biomolecules, 2021, 11, 1558. | 4.0 | 1 |
| 3 | Computationallyâ€Guided Investigation of Dual Amine/pi Lewis Acid Catalysts for Direct Additions of Aldehydes and Ketones to Unactivated Alkenes and Alkynes. ChemistrySelect, 2020, 5, 8405-8414. | 1.5 | 1 |
| 4 | Route exploration and synthesis of the reported pyridone-based PDI inhibitor STK076545. Organic and Biomolecular Chemistry, 2020, 18, 6665-6681. | 2.8 | 7 |
| 5 | Synthesis and initial pharmacology of dual-targeting ligands for putative complexes of integrin Î±VÎ²3 and PAR2. RSC Medicinal Chemistry, 2020, 11, 940-949. | 3.9 | 2 |
| 6 | Modified synthesis of the peptidomimetic natriuretic peptide receptor-C antagonist M372049. Tetrahedron Letters, 2020, 61, 151654. | 1.4 | 1 |
| 7 | Î²-Fluorofentanyls Are pH-Sensitive Mu Opioid Receptor Agonists. ACS Medicinal Chemistry Letters, 2019, 10, 1353-1356. | 2.8 | 18 |
| 8 | Evaluation of Î±-hydroxycinnamic acids as pyruvate carboxylase inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 4041-4047. | 3.0 | 5 |
| 9 | NMR Structural Analysis of Isolated Shaker Voltage-Sensing Domain in LPPG Micelles. Biophysical Journal, 2019, 117, 388-398. | 0.5 | 3 |
| 10 | The parmodulin NRD-21 is an allosteric inhibitor of PAR1 Gq signaling with improved anti-inflammatory activity and stability. Bioorganic and Medicinal Chemistry, 2019, 27, 3788-3796. | 3.0 | 9 |
| 11 | An anthrone-based Kv7.2/7.3 channel blocker with improved properties for the investigation of psychiatric and neurodegenerative disorders. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126681. | 2.2 | 5 |
| 12 | Synthesis of Simplified Azasordarin Analogs as Potential Antifungal Agents. Journal of Organic Chemistry, 2019, 84, 5292-5304. | 3.2 | 5 |
| 13 | Design and Evaluation of Heterobivalent PAR1â€“PAR2 Ligands as Antagonists of Calcium Mobilization. ACS Medicinal Chemistry Letters, 2019, 10, 121-126. | 2.8 | 10 |
| 14 | DFT-Assisted Design and Evaluation of Bifunctional Amine/Pyridine-Oxazoline Metal Catalysts for Additions of Ketones to Unactivated Alkenes and Alkynes. Synthesis, 2019, 51, 450-462. | 2.3 | 4 |
| 15 | Synthetic Analogues of the Snail Toxin 6-Bromo-2-mercaptotryptamine Dimer (BrMT) Reveal That Lipid Bilayer Perturbation Does Not Underlie Its Modulation of Voltage-Gated Potassium Channels. Biochemistry, 2018, 57, 2733-2743. | 2.5 | 18 |
| 16 | Characterization of Protease-Activated Receptor (PAR) ligands: Parmodulins are reversible allosteric inhibitors of PAR1-driven calcium mobilization in endothelial cells. Bioorganic and Medicinal Chemistry, 2018, 26, 2514-2529. | 3.0 | 13 |
| 17 | PAR1 agonists stimulate APC-like endothelial cytoprotection and confer resistance to thromboinflammatory injury. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E982-E991. | 7.1 | 55 |
| 18 | Synthesis of a novel bicyclic scaffold inspired by the antifungal natural product sordarin. Tetrahedron Letters, 2018, 59, 3373-3376. | 1.4 | 9 |

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|---|---|---|---|
| 19 | DFT-assisted design and evaluation of bifunctional copper(I) catalysts for the direct intermolecular addition of aldehydes and ketones to alkynes. Tetrahedron, 2018, 74, 4823-4836. | 1.9 | 6 |
| 20 | Discovery of Novel Small Molecule Inhibitors of Bacterial Pyruvate Carboxylase. FASEB Journal, 2018, 32, 810.15. | 0.5 | 0 |
| 21 | Cytoprotective activated protein C averts Nlrp3 inflammasomeâ€“induced ischemia-reperfusion injury via mTORC1 inhibition. Blood, 2017, 130, 2664-2677. | 1.4 | 125 |
| 22 | Monitoring Replication Protein A (RPA) dynamics in homologous recombination through site-specific incorporation of non-canonical amino acids. Nucleic Acids Research, 2017, 45, 9413-9426. | 14.5 | 43 |
| 23 | Design and Synthesis of Oxazoline-Based Scaffolds for Hybrid Lewis Acid/Lewis Base Catalysis of Carbonâ€“Carbon Bond Formation. Synthesis, 2016, 48, 2413-2422. | 2.3 | 5 |
| 24 | Multifunctional heterocyclic scaffolds for hybrid Lewis acid/Lewis base catalysis of carbonâ€“carbon bond formation. Tetrahedron, 2016, 72, 3905-3916. | 1.9 | 13 |
| 25 | A Chemical APC Mimetic Protects Endothelium from Thromboinflammatory Injury. Blood, 2016, 128, 3835-3835. | 1.4 | 3 |
| 26 | Parmodulins inhibit thrombus formation without inducing endothelial injury caused by vorapaxar. Blood, 2015, 125, 1976-1985. | 1.4 | 71 |
| 27 | Discovery of bisamide-heterocycles as inhibitors of scavenger receptor BI (SR-BI)-mediated lipid uptake. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2594-2598. | 2.2 | 9 |
| 28 | Indolinyl-Thiazole Based Inhibitors of Scavenger Receptor-BI (SR-BI)-Mediated Lipid Transport. ACS Medicinal Chemistry Letters, 2015, 6, 375-380. | 2.8 | 11 |
| 29 | Benzo-fused lactams from a diversity-oriented synthesis (DOS) library as inhibitors of scavenger receptor BI (SR-BI)-mediated lipid uptake. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2100-2105. | 2.2 | 16 |
| 30 | Effects Of Biased PAR1 Ligands On Platelets and Endothelial Cells. Blood, 2013, 122, 23-23. | 1.4 | 46 |
| 31 | Macrocyclic Hedgehog Pathway Inhibitors: Optimization of Cellular Activity and Mode of Action Studies. ACS Medicinal Chemistry Letters, 2012, 3, 808-813. | 2.8 | 39 |
| 32 | Discovery of 1,3-Diaminobenzenes as Selective Inhibitors of Platelet Activation at the PAR1 Receptor. ACS Medicinal Chemistry Letters, 2012, 3, 232-237. | 2.8 | 39 |
| 33 | Overcoming fluconazole resistance in Candida albicans clinical isolates with tetracyclic indoles. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3362-3365. | 2.2 | 21 |
| 34 | Identification of small-molecule inhibitors of Trypansoma cruzi replication. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 7197-7200. | 2.2 | 12 |
| 35 | An Allosteric Modulator of PAR1 Demonstrates Selective Inhibition of G Protein Coupling and Impairs Thrombus Formation In Vivo. Blood, 2011, 118, 1138-1138. | 1.4 | 0 |
| 36 | Identification of a Novel Par1 inhibitor Using a Chemical Genetic Screen. Blood, 2010, 116, 2018-2018. | 1.4 | 1 |

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|---|---|---|---|
| 37 | Synthesis of diverse heterocyclic scaffolds via tandem additions to imine derivatives and ring-forming reactions. Tetrahedron, 2009, 65, 6454-6469. | 1.9 | 79 |
| 38 | Discovery of Î¼-opioid selective ligands derived from 1-aminotetralin scaffolds made via metal-catalyzed ring-opening reactions. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1228-1232. | 2.2 | 28 |
| 39 | A Chemical Genetic Analysis of Platelet Activation.. Blood, 2009, 114, 4009-4009. | 1.4 | 4 |
| 40 | Concise Enantioselective Total Syntheses of (+)â€Homochelidonine, (+)â€Chelamidine, (+)â€Chelidonine, (+)â€Chelamine and (+)â€Norchelidonine by a Pd<sup>II</sup>â€Catalyzed Ringâ€Opening Strategy. Chemistry - A European Journal, 2008, 14, 2112-2124. | 5.3 | 65 |
| 41 | Applications of Multicomponent Reactions for the Synthesis of Diverse Heterocyclic Scaffolds. Organic Letters, 2007, 9, 4223-4226. | 4.6 | 171 |
| 42 | Rhodium-Catalyzed Asymmetric Allylic Substitution with Boronic Acid Nucleophiles. Organic Letters, 2006, 8, 4569-4572. | 4.6 | 91 |
| 43 | tert-Butyl (2-phenyl-1,2-dihydro-1-naphthyl)carbamate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o107-o108. | 0.2 | 0 |
| 44 | 2-Methoxy-N-[2-(3-thienyl)-1,2,3,4-tetrahydro-1-naphthyl]acetamide. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o639-o641. | 0.2 | 1 |
| 45 | 2-(1-Phenylsulfonyl-1H-indol-3-yl)-1,2-dihydronaphthalen-1-ol. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1030-o1032. | 0.2 | 0 |
| 46 | 2,4-Dimethyl-6-phenyl-8-oxabicyclo[3.2.1]octan-3-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1601-o1603. | 0.2 | 0 |
| 47 | Synthesis of Dihydronaphthalenes via Aryne Dielsâ^'Alder Reactions:Â Scope and Diastereoselectivity. Journal of the American Chemical Society, 2005, 127, 15028-15029. | 13.7 | 116 |
| 48 | Palladium(II) Catalyst Systems for the Addition of Boronic Acids to Bicyclic Alkenes:â€‰ New Scope and Reactivity. Organic Letters, 2003, 5, 3695-3698. | 4.6 | 111 |
| 49 | Rhodium-Catalyzed Asymmetric Ring Opening of Oxabicyclic Alkenes with Organoboronic Acids. Organic Letters, 2002, 4, 1311-1314. | 4.6 | 218 |
| 50 | Synthesis of Protectedl-4-[Sulfono(difluoromethyl)]phenylalanine and Its Incorporation into a Peptide. Organic Letters, 2001, 3, 1571-1574. | 4.6 | 28 |